

SUMMARY

The semi-automatic system for the manufacture of large electrical induction coils consists of a table for the manufacture of coils which is worked on by means of an articulated head that exerts the necessary pressure on each of the turns in the coil and is aided by a system that tightens and feeds the conductor, being controlled by a remote programmed system wherein the relevant orders are entered for the characteristics of the coils to be manufactured. Said system makes the manufacturing cycle much shorter since it removes the need for jobs that are currently carried out by hand, such as controlling the coil size and pressing the coils, therefore achieving greater precision in the size of coil required. This process regulates and controls the mechanical tension of the conductor, avoiding the risk of stretching or distortion thereof and thus producing better quality coils.